TRANSPORTABILITY

MARCORSYSCOM

COMMANDER

EXECUTIVE DIRECTOR *

PEO Land Systems
PM Expeditionary Fighting Vehicle
PM JPMO, Lightweight 155, Picatinny, NJ
PM Light Armored Vehicle MPC
PM LVSR
PM JLTV
PM MTVR
PM G/ATOR
PM CAC2S

Sergeant Major

Chief of Staff
CIO
Facilities & Services
Operations Cell
Reserve Affairs
Security

Special Staff
International Programs
Counter-Improvised Explosive Devices
Corporate Communications
Counsel
OSBP
Strategic Change Management Center

Deputy Commander Resource Management *^
- Resource Mgmt Competency Domain/ Competency Leaders
- Director, Financial Management
- Director, Workforce Management and Development

Deputy Commander SIAT *^
- Research & Systems Engineering Competency Domain/ Competency Leaders
- Director, MAGTF and Joint Integration
- Director, Information Assurance/Joint Certifications
- Director, Program Engineering and Technology
- Commanding Officer MCTSSA Camp Pendleton, CA

Product Group Directors
- Product Group 09 Director, Operational Forces Systems
- Product Group 10 Director, Information Systems & Infrastructure
- Product Group 11 Director, MAGTF C2, Weapons & Sensors Development & Integration
- Product Group 12 Director, Communications, Intelligence, & Networking Systems
- Product Group 13 Director, Infantry Weapons Systems
- Product Group 14 Director, Armor &Fire Support Systems
- Product Group 15 Director, Ground Transportation & Engineer Systems
- Product Group 16 Director, Combat Equipment and Support Systems

Program Managers
- Program Manager, Ammunition
- Program Manager, Global Combat Support System-Marine Corps
- Program Manager, Light Armored Vehicle Warren, MI
- Program Manager, Mine Resistant Ambush Protected
- Program Manager, Robotic Systems Huntsville, AL
- Program Manager, Training Systems Orlando, FL
- Deputy JPEO, Chemical & Biological Defense Arlington, VA

Assistant Commander Contracts ^
- Contracts Competency Domain/ Competency Leaders

Assistant Commander Life Cycle Logistics ^
- Life Cycle Logistics Competency Domain/ Competency Leaders

Assistant Commander Programs ^
- Program Mgmt Competency Domain/ Competency Leaders

* = SES Position
^ = Competency Director

Updated 3Apr08

Mission

- **DEPUTY COMMANDER, SYSTEMS ENGINEERING INTEROPERABILITY, ARCHITECTURE, & TECHNOLOGY (DC SIAT)** conducts enterprise level systems engineering across product lines and product lifecycles to ensure MCSC provides end to end interoperable, certified warfighting capabilities.

TRANSPORTABILTY SECTION

- TRANSPORTABILITY OFFICER (0430)
  - CWO3 MELISSA TAFOYA
- TRANSPORTABILITY SPECIALIST (0481)
  - SGT MANUEL MORIN
- L3 CONTRACT SUPPORT
  - JAMES CONTOS

CURRENT PROJECTS

- **ACE/GCE STABILITY STUDY**
  - EQUIPMENT DATA SUPPORT
- **NAVAL INTEGRATION** PROCESS/REQUIREMENTS (W/I MARCORSYSCOM)
  - INFLUENCE EQUIPMENT DESIGN CHANGES EARLY IN THE ACQUISISTION PROCESS
- **LCAC CERTIFICATION**
  - UPDATE SEAOPS CARGO LOADING MANUAL

CERTIFICATION ORGANIZATIONS

- **SURFACE DEPLOYMENT AND DISTRIBUTION COMMAND-TRANSPORTATION ENGINEERING AGENCY (SDDC-TEA)**
  - RAIL
  - COMMERCIAL SHIP
  - HIGHWAY
- **AIR TRANSPORTABILITY TEST LOADING AGENCY (ATTLA)**
  - INTERNAL AMC AIRCRAFT
  - LVAD
- **NATICK**
  - EXTERNAL LIFT (HELICOPTER SLING LOAD)
  - SHELTER CERTIFICATIONS
- **NAVSEA**
  - LCAC
  - NAVAL INTEGRATION - AMPHIB/MPF
- **NAVAIR**
  - INTERNAL R/W, FIXED WING

WHAT REQUIRES CERTIFICATION?

- TRANSPORTABLE PROBLEM ITEMS
  - The item is wheeled or tracked, and is to be towed, hauled, or self-propelled on or off highway.
  - The item increases the physical characteristics of the designated transport medium.
  - The item requires special handling or specialized loading procedures.
  - The item has inadequate ramp clearance for ramp inclines of 15 degrees.
  - Exceeds any of the following conditions:
    - Length - 20 feet (6096 mm, 240 in).
    - Width - 8 feet (2438 mm, 96 in).
    - Height - 8 feet (2438 mm, 96 in).
    - Weight - 10,000 pounds (4,536 kg).
    - Weight per linear foot - 1,600 pounds/foot (2381 kg/m).
    - Floor contact pressure - 50 psi (344.7 kPa).

CURRENT PROGRAMS

Bridge Erection Boat (BEB)

DESCRIPTION

- The Bridge Erection Boat (BEB) is used to support bridging and amphibious operations. It is a 27-foot aluminum hulled open boat capable of carrying 15 Marines or 4,400 pounds of cargo.
- The BEB is primarily used to place and secure bridging assets, such as the Improved Ribbon Bridge (IRB) against currents.
- Prime Contractor: ACB, Bellingham, WA

PROGRAM STATUS

- AAO: current 66 /pending buildup to 108
- Unit Cost: $248,226.00
- Planned/Fielded: I MEF-6/6 II MEF-21/21 III MEF-4/4 MARFORRES-19/19 MPF- 13/12 SE-3/3
- FY07/FY08 Procuring 43 boats with trailers
- Fielding Complete: 03/09

MILESTONE SCHEDULE

Fiscal Year	2007				2008				2009				2010			
Quarter	I	II	III	IV	I	II	III	IV	I	II	III	IV	I	II	III	IV
Contract Award					◇ (202K)											
FRP Decision																
Full Rate Production	◆				(202K)											
IOC	◆				(202K)		◇									
FOC			◆								◇	(202K)				

Anticipated contract award 2nd Qtr FY08, 5 month lead time, 5 per month, estimated delivery through 2nd Qtr FY09

Improved Ribbon Bridge (IRB)

DESCRIPTION

- The Improved Ribbon Bridge (IRB) will provide the Marine Corps with the capabilities required for Marine Expeditionary Forces to overcome wet gap obstacles too wide to be breached and too deep to be forded by combat vehicles.
- The IRB is a floating wet gap bridge system capable of carrying a MLC 70/96 ton vehicle in stream currents of 10 feet per second (5.9 miles per hour). The IRB is capable of breaking down into two MLC 70/96 rafting sets. Rafting set (B-1625) consists of 5 interior and 2 ramp bays, Bridge set (B1055) consists of 12 interior and 5 ramp bays.
- Prime Contractor: General Dynamics Santa Barbara System (GDSBS) Kaiserslautern Germany

PROGRAM STATUS

- AAO: 15
- Unit Cost: $4.717M
- Planned/Fielded: I MEF-3/0 II MEF-3/0 III MEF-3/0 MARFORRES-6/0
- FY07/08 Procuring 15 IRB
- Fielding Complete: 4th Qtr FY09

MILESTONE SCHEDULE

Fiscal Year	2007				2008				2009			
Quarter	I	II	III	IV	I	II	III	IV	I	II	III	IV
IPT with TACOM	▲											
MOA with Army for purchase	▲											
MIPR funds to Army purchase	▲											
Logistics Planning	■	■										
Fielding Decision					△ C							
Fielding								■	■	■	■	
IOC								△ C				
FOC												△

Medium Girder Bridge (MGB)

DESCRIPTION

- Lightweight, bridging system rapidly erected by hand in various configurations and lengths
- Bridges up to MLC 70 (tracked) or 100 (wheeled) can be constructed and dismantled rapidly by trained Marine Corps Engineer units to keep pace with operations.
- MGB is a deck-type, two-girder bridge system providing a 4-meter wide roadway to span wet or dry gaps.
- The Marine Corps inventory consists of 32 MGBs, 17 MGB Bridge Erection Sets, and 17 MGB Link Reinforcement Sets.
- Prime Contractor: Williams Fairey England Ltd.

PROGRAM STATUS

- LOGCOM Maintenance Center remanufacturing USMC inventory of MGBs, erection sets, and link sets
- Projected FY08 funding to purchase new: 6 MGB, 6 erection sets and 3 Link sets

- AAO: 32 Medium Girder Bridge (MGB)
  17 Bridge Erection Sets
  17 Link Reinforcement Sets

MILESTONE SCHEDULE

Quarter	I II III IV	I II III IV	I II III IV	I II III IV
Move Funding to MCA	▲	▲	▲	
Production	■	■	■	□

Containerized Batch laundry Unit (CBL)

DESCRIPTION

- The CBL is a 100KW generator powered COTS laundry item configured into a standard ISO container and consists of two industrial 55 pound washers, two industrial 75 pound dryers, and a 30 GPM supply pump that can launder Gortex laminated fabrics such as the Joint Lightweight Integrated Suit Technology (JSLIST).
- Prime Contractor: SFA Inc. Easton MD

PROGRAM STATUS

- AAO: 94
- Unit Cost: $131,131.00
- Planned/Fielded: I MEF-21/0 II MEF-21/0 ES- 2/0 III MEF-18/0 MARFORRES-10/0 MPF- 16/0
- FY07/08 Procuring 94 CBL
- Fielding Complete: 3rd Qtr FY09

MILESTONE SCHEDULE

Fiscal Year	2007				2008				2009			
Quarter	I	II	III	IV	I	II	III	IV	I	II	III	IV
Obligate Funding	◆											
Production			■		▭							
Fielding						▭						
IOC					◇							
FOC											◇	

Engineer Equipment Trailer

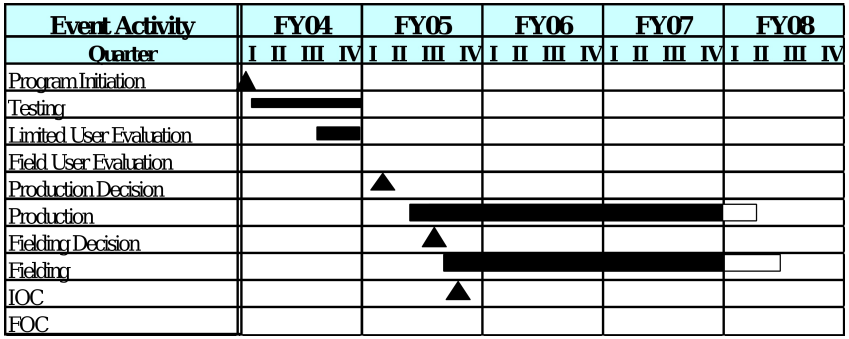
DESCRIPTION

- Commercial Tag Along Trailer for transporting the Backhoe Loader (BHL), Light Rough Terrain Forklift (LRTF) and Multi Terrain Loaders (MTL).
- Contractors: Load King – Elk Point SD

PROGRAM STATUS

- AAO: 420
- Planned/Fielded: I MEF - 84
  II MEF - 94
  III MEF - 59
  MARFORRES - 73
  SE - 16
  MPS - 46
  MCPPN - 26
  Albany - 106
- Fielding Complete: 06/08

MILESTONE SCHEDULE



Tractor, Rubber-tired, Articulated Steering, Multi-purpose (TRAM)

DESCRIPTION

- John Deere 624K, Diesel-powered, four-wheel drive, rubber-tired, articulated steering tractor, capable of operating in rough terrain.

- Outfitted with a multi-purpose 4-in-1, 2.5 cubic yard bucket and 10,000 lbs forklift attachment.

- Prime Contractor: John Deere – Moline, IL

PROGRAM STATUS

- AAO: 653
- Planned/Fielded: I MEF - 108
  II MEF - 105
  III MEF - 74
  MARFORRES - 105
  MPS/MCCP - 72
  MARCENT - 90
- Contract Award 1st Quarter FY07
- Product Qualification testing completed
- LUE conducted Dec 07
- Projected fielding complete: 08/11

MILESTONE SCHEDULE

Event Activity	FY06	FY07	FY08	FY09	FY10	FY11
Quarter	I II III IV	I II III IV	I II III IV	I II III IV	I II III IV	I II III IV
Validate ROC						
Market Research/RFI						
ADM						
Issue RFP						
Source Selection						
Contract Award (4ea)						
PQT/LUE						
FP/SI						
Production/Fielding Decision						
Production						
Fielding						
NET						

All Terrain Crane (ATC) MAC-50

DESCRIPTION

- Rough terrain, all-wheel drive/steer, self deployable.
- Heavy Lift capable, with optimum lifting capacity of 50-Tons.
- Air transportable (C-5 and C17).
- Diesel powered with four forward and four reverse speed selections.
- Enclosed cab allowing for extended operations in all-weather conditions.
- Equipped with Sling and Tamdom Lock
- Prime Contractor: Terex/DEMAG

PROGRAM STATUS

- AAO: 137
- Planned/Fielded: I MEF - 22
  II MEF - 23
  III MEF - 18
  MARFORRES - 36
  MPS/MCCP – 38
- Fielding complete: 08/09

MILESTONE SCHEDULE